

**FIG. 1A**



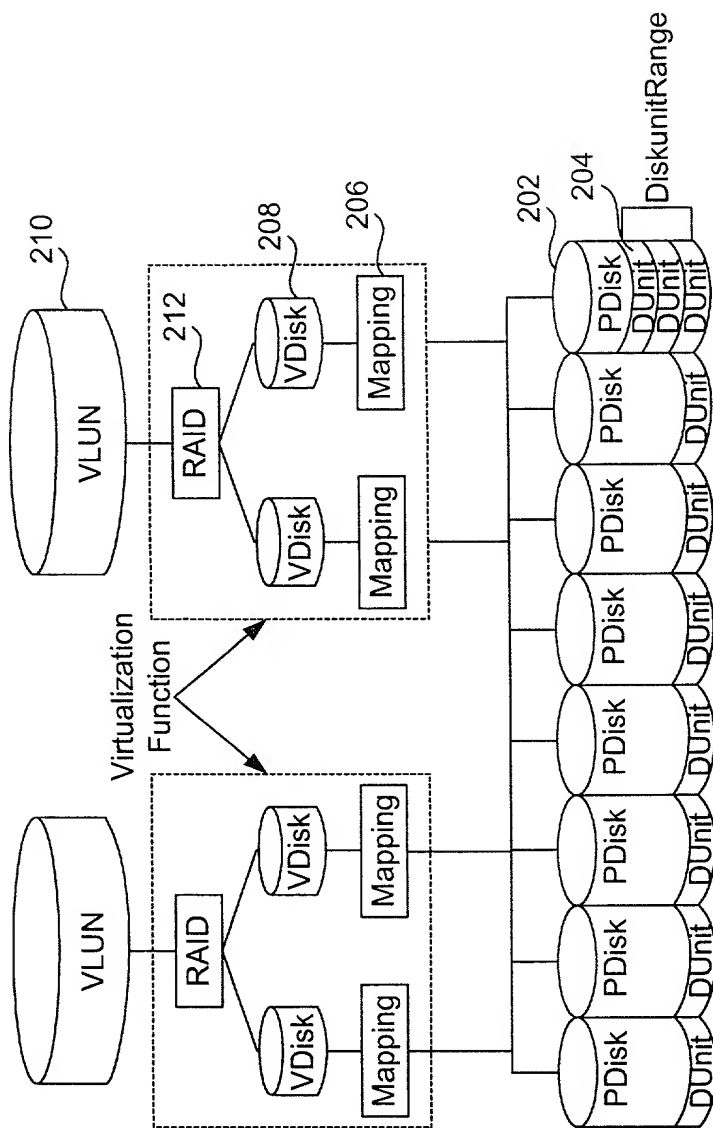
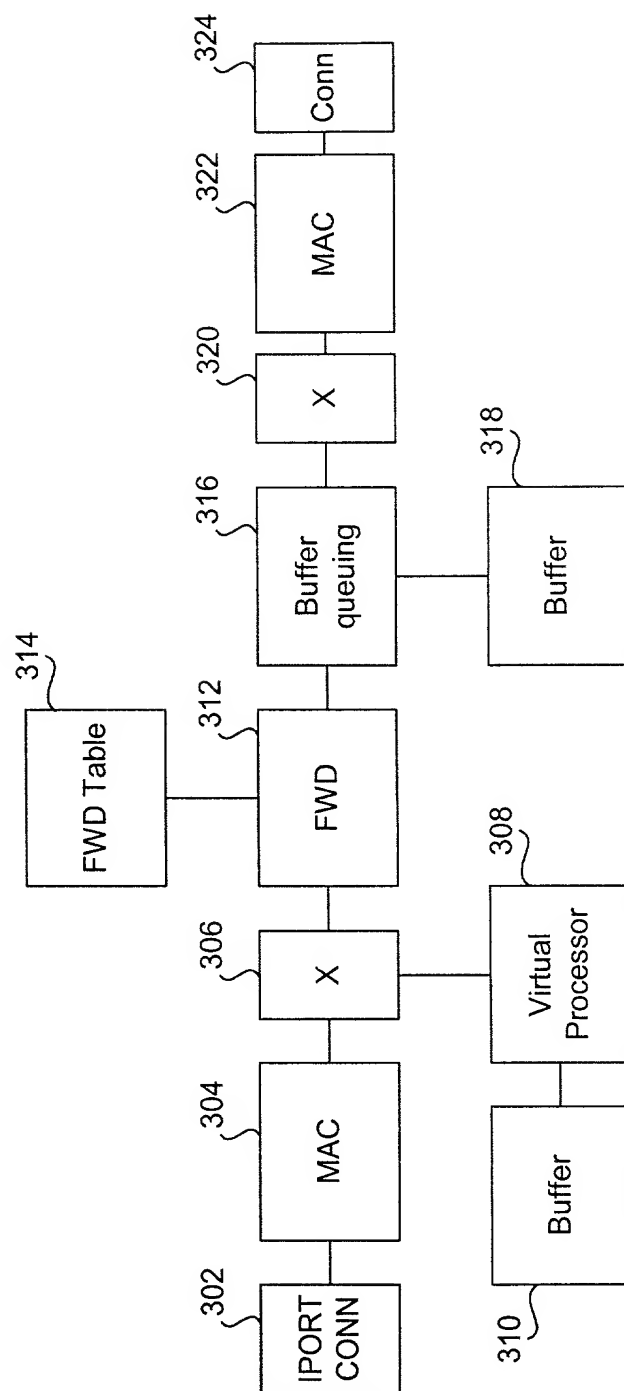
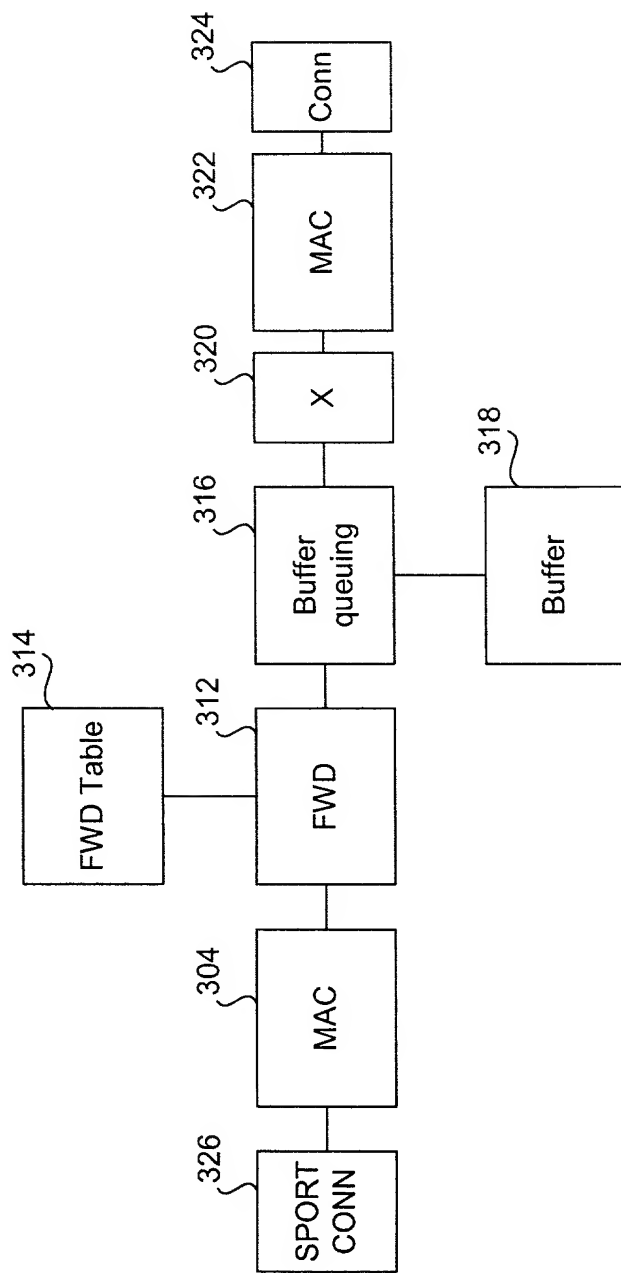


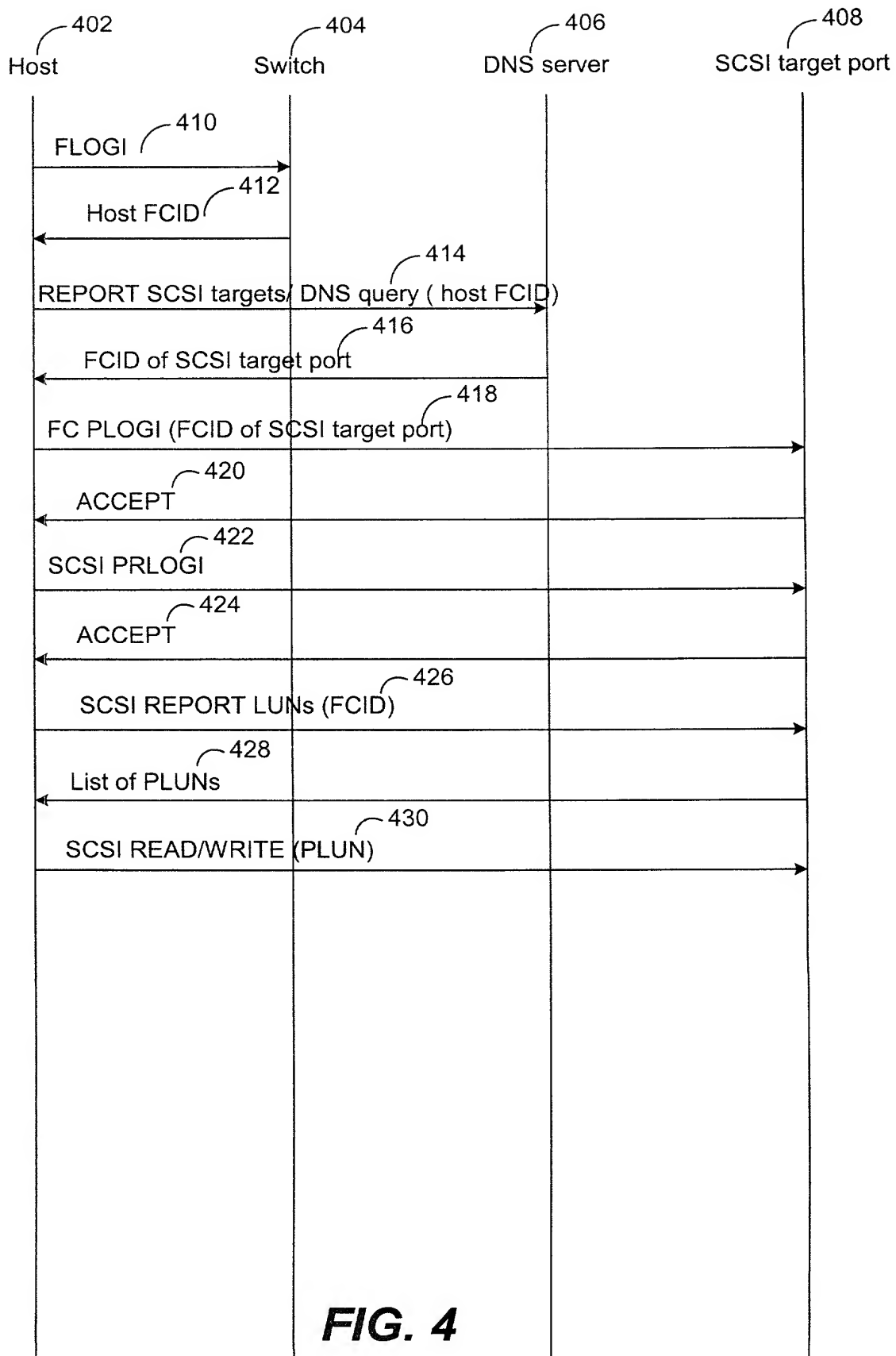
FIG. 2



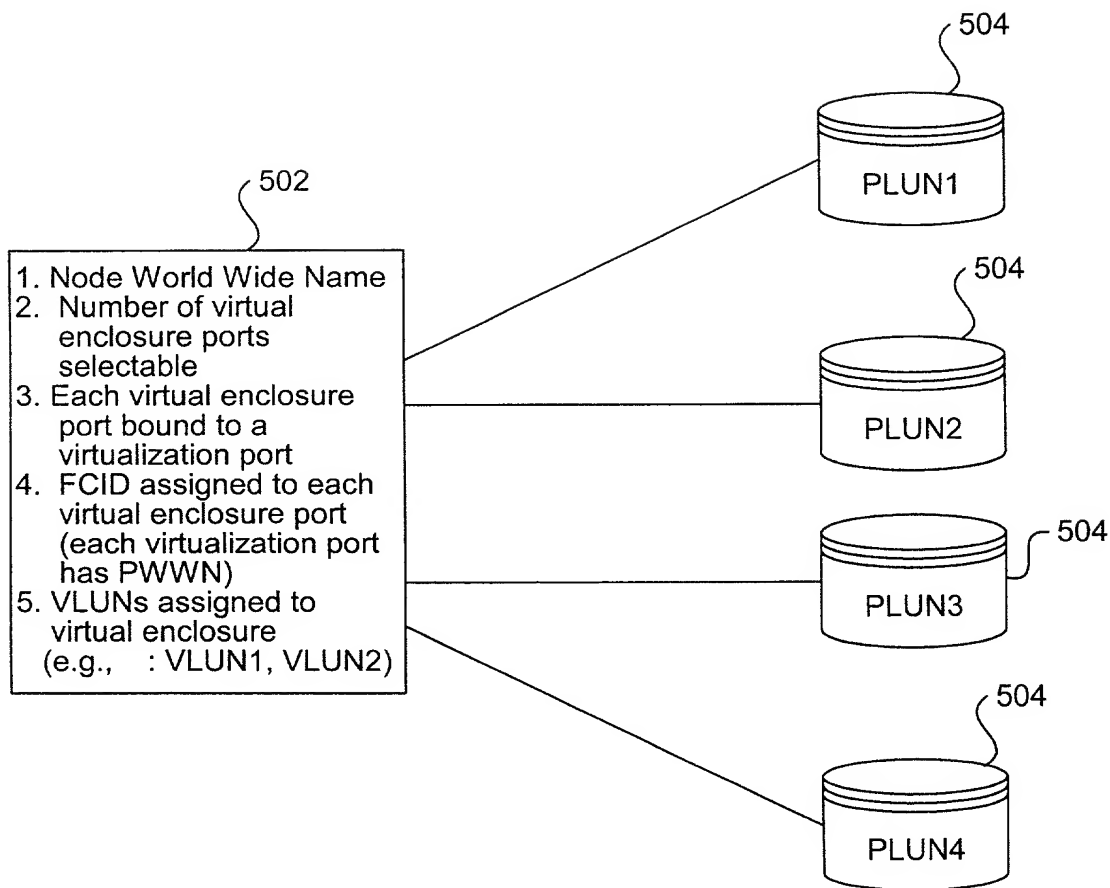
**FIG. 3A**



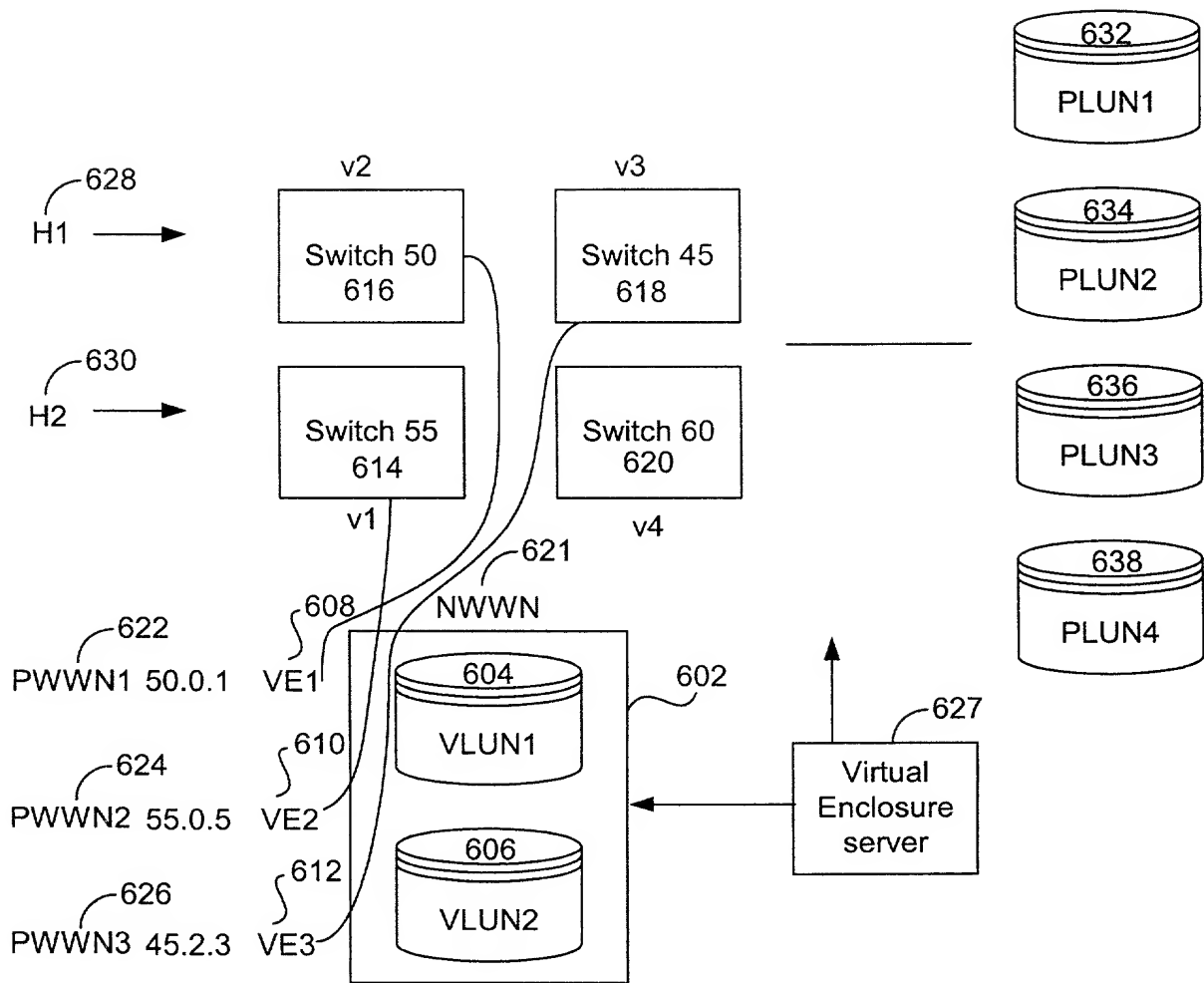
**FIG. 3B**



**FIG. 4**

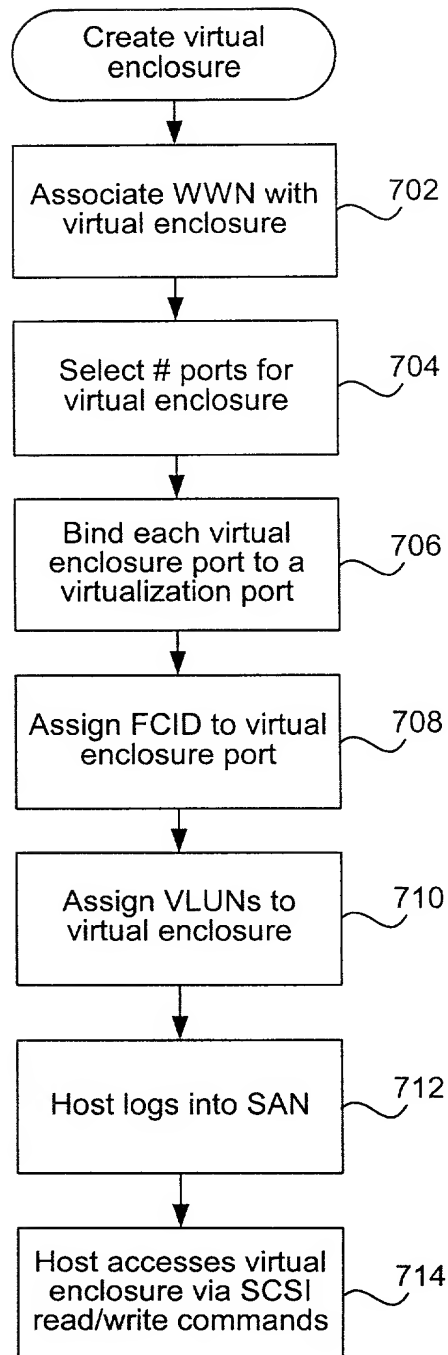


**FIG. 5**

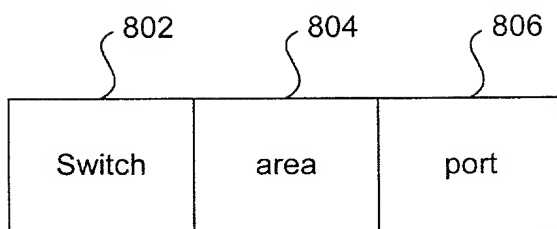


**FIG. 6**

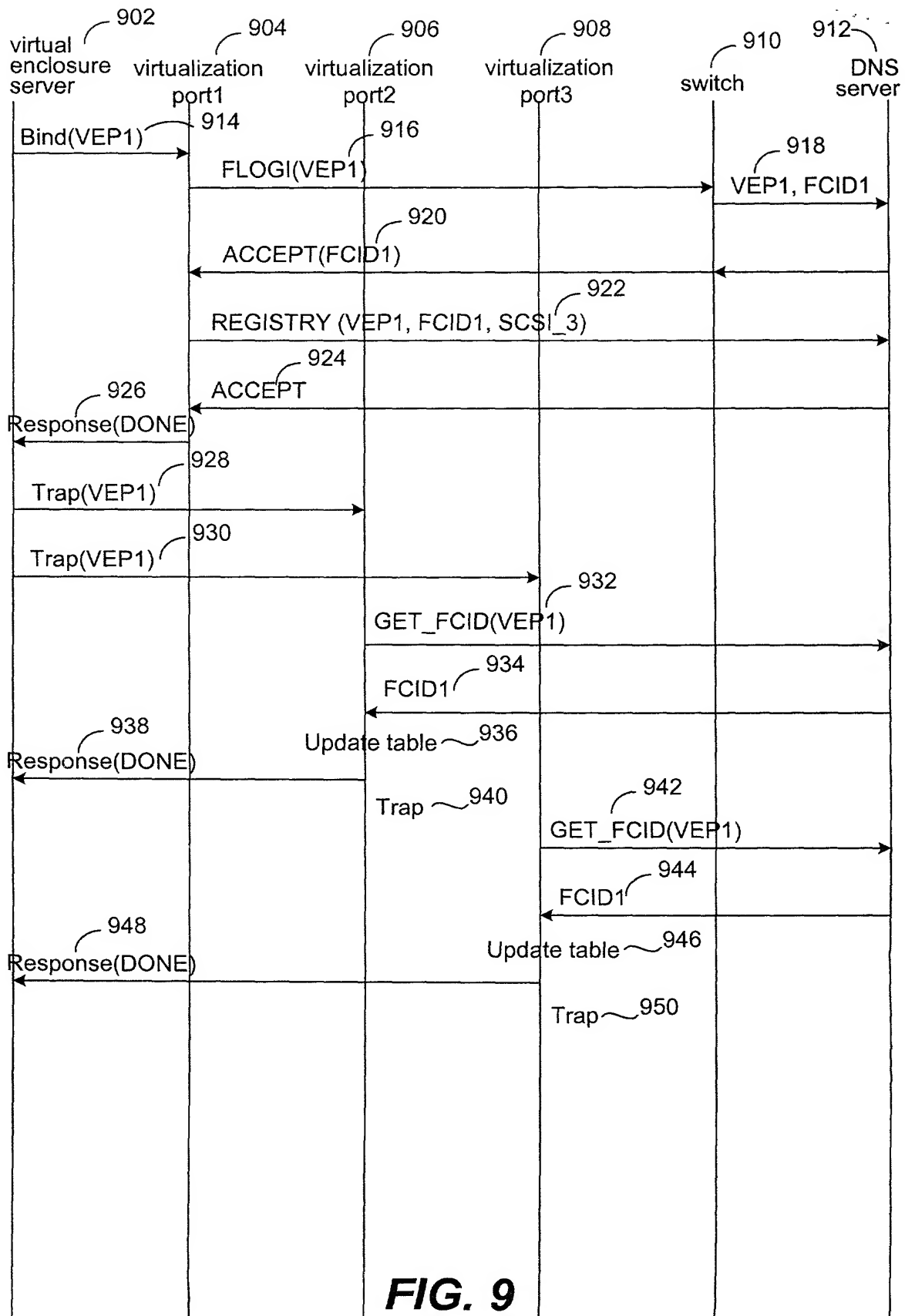




**FIG. 7**



**FIG. 8**



**FIG. 9**

Virtual enclosure port	FCID
VE port 1	FCID
VE port 2	FCID

**FIG. 10**

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sequenceDiagram
    participant Host as 1102 Host
    participant Switch as 1104 Switch
    participant DNS as 1106 DNS server
    participant VPort as 1108 virtualization port  
(representing a virtual enclosure port or capable of trapping a virtual enclosure port's FCID)

    Host->>Switch: 1110 FLOGI
    Switch-->Host: 1112 Host FCID
    Host->>Switch: REPORT SCSI targets
    Switch->>DNS: 1114 DNS query ( host FCID)
    DNS-->Switch: 1116 FCIDs of virtual enclosure ports
    Switch->>VPort: 1118 FC PLOGI to one or more virtualization ports (FCID(s) of virtual enclosure port(s))
    VPort-->Switch: 1120 ACCEPT
    Switch->>VPort: 1122 SCSI PRLOGI
    VPort-->Switch: 1124 ACCEPT
    Switch->>VPort: 1126 SCSI REPORT LUNs (FCID(s) of virtual enclosure port(s))
    VPort-->Switch: 1130 List of LUNs from each virtualization port supporting one or more of the virtual enclosure port FCIDs
    Switch->>VPort: 1132 SCSI READ/WRITE (LUN)
    VPort-->Switch: 1128 Determine LUN mapping
  
```

1100

Host 1102

Switch 1104

DNS server 1106

virtualization port (representing a virtual enclosure port or capable of trapping a virtual enclosure port's FCID) 1108

1110 FLOGI

1112 Host FCID

REPORT SCSI targets

1114 DNS query ( host FCID)

1116 FCIDs of virtual enclosure ports

1118 FC PLOGI to one or more virtualization ports (FCID(s) of virtual enclosure port(s))

1120 ACCEPT

1122 SCSI PRLOGI

1124 ACCEPT

1126 SCSI REPORT LUNs (FCID(s) of virtual enclosure port(s))

1130 List of LUNs from each virtualization port supporting one or more of the virtual enclosure port FCIDs

1132 SCSI READ/WRITE (LUN)

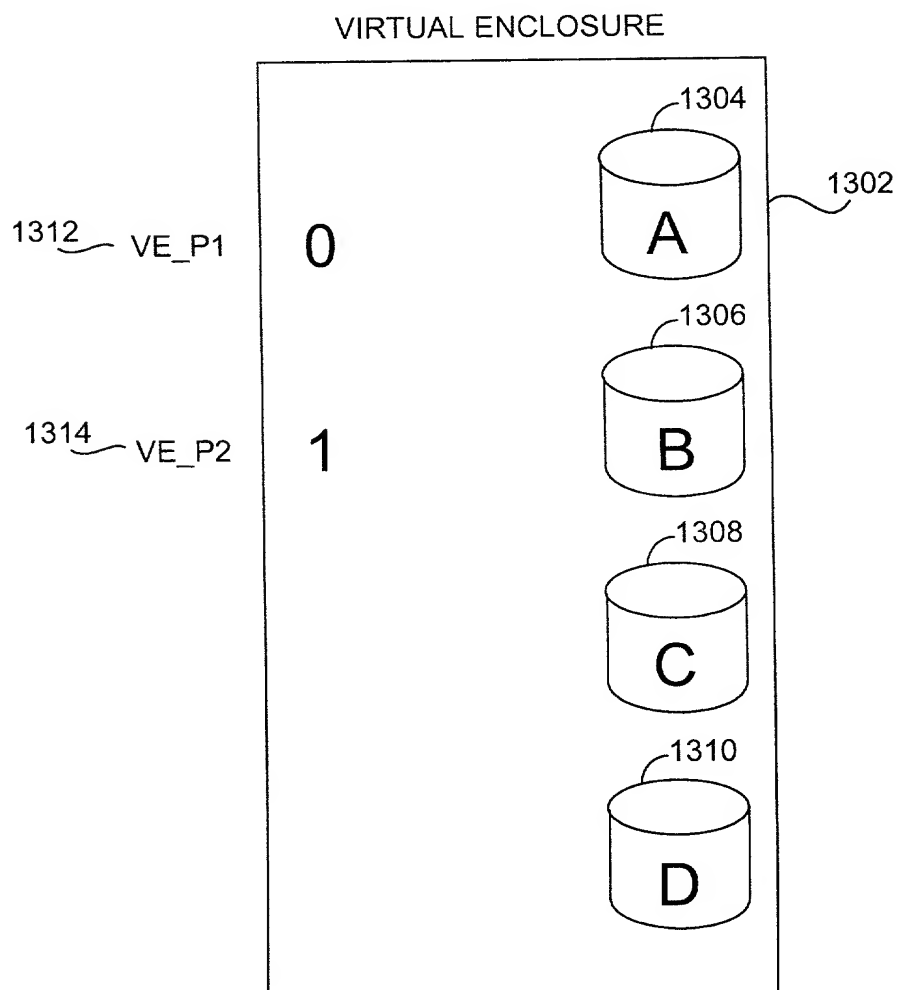
1128 Determine LUN mapping

**FIG. 11**

1200

Host	VE port	LUN #	VLUN
H1	*	0	A
H2	*	0	B
H3	*	0	C
H4	0	0	D
H4	1	0	C

**FIG. 12**



**FIG. 13**